

DESCRIPTIONS OF NEW SPECIES OF LAND-SHELLS FROM
CENTRAL AND SOUTH AMERICA.

By S. I. DA COSTA.

Read 12th January, 1900.

PLATE VII.

1. STREPTOSTYLUS FLAVESCENS, n.sp. Pl. VII, Fig. 1.

Testa ovato-conica, tenuiuscula, flavescens; anfractus 7, subplano-convexi, ad suturas marginati, glabri, nitidi; columella brevis, arcuata, et contorta; apertura oblonga, longitudinis totius $\frac{1}{2}$ æquans. Long. 22, diam. 11 mm.; apertura long. 11, lat. 4.5 mm.

Hab.—Chiriquí, Panama.

It would appear that this shell is rightly placed in the genus *Streptostylus*, seeing that it has a twisted columella, and is not truncated as in *Glandina*.

2. GLANDINA CHIRIQUIENSIS, n.sp. Pl. VII, Fig. 2.

Testa subfusiformi-oblonga, pelucido-cornea, vel albida; spira subobtusata, ad suturas impressa et marginata; anfractus 5, rotundati, politi, longitudinaliter fortiter striati, sub lente transversim striati; columella contorta, abrupte truncata, albida; apertura medioeris, labro ad marginem albo. Long. 19.5, diam. 9 mm.; apertura long. 9, lat. 4.5 mm.

Hab.—Chiriquí, Panama.

This species bears a strong resemblance to *G. Underwoodi*, Fulton, from Cartago, Costa Rica, but differs from it in having a more attenuated spire. The colour is generally much paler, in fact occasionally it is nearly white, while the columella and peristome are always white.

3. GLANDINA FLOCCATA, n.sp. Pl. VII, Fig. 3.

Testa fusiformis, spira elongata, tenuis, ventricosa, pelucido-fuscescens, strigis castaneis remotis picta, maculis subobscuris albidis sparsim floccata; anfractus 8, longitudinaliter creberrime plicato-striati, ad suturas subtiliter et creberrime crenulati; columella arenata, conspicue truncata; apertura sub-ampla, fuscescente alba. Long. 89, diam. 35 mm.; apertura long. 46, lat. 18 mm.

Hab.—La Armeñía, near Bogotá, U.S. of Colombia.

This fine species bears a strong resemblance to *G. striata*, Müll; the last whorl, however, is rather more ventricose, and exhibits a feature never found in that species, viz., the presence of several white flecks scattered irregularly over the body-whorl; the only other instance of similar spotting may be observed in examples of *G. Vanuxemensis*, Lea, from Mexico.

